

The Tigercat 1185 is a heavy duty, premium quality harvester designed for high production applications, extreme terrain and demanding operating conditions.



## BENEFITS AND ADVANTAGES:

**Powerful, efficient Tigercat FPT engine**

**Strong, reliable Tigercat crane**

- Hooked profile promotes excellent right-side visibility
- Simple, efficient ER boom technology with no external parallel linkages
- Extreme duty slew system with 360° continuous rotation
- Choice of fixed or telescopic stick

**Durable cab and crane leveling system**

- Thick steel castings, large diameter cylinders and tapered roller bearings

**Spacious, high visibility operator's cabin**

- Large windows for clear and full line-of-sight to the wheels as well as excellent upward visibility
- High quality, climate controlled seat with four point harness
- Patent pending protective windshield technology

**Tigercat designed and built drivetrain**

- Bogie axles, transmission and pump drive are engineered and built for extreme forest duty

**Hydraulically balanced bogies**

**WideRange® drive increases working travel speed while delivering powerful tractive effort**

**Advanced hydraulic system for efficiency and high performance**

- Dedicated pumps for the drive, harvesting head, crane, fan and cooling circuit
- Closed loop drive system for excellent performance on steep slopes

**Efficient, high capacity cooling system**

- Pressure and flow controlled piston fan pump maintains optimal operating temperatures at the lowest fan speed

**Excellent access to major components and daily service points**

## 1185

### DIMENSIONS with standard tires

LENGTH less boom	9 970 mm (393 in)
WIDTH	3 090 mm (122 in)
HEIGHT	4 100 mm (161 in)
SHIPPING HEIGHT	3 790 mm (149 in)
GROUND CLEARANCE	645 mm (25 in)
WHEEL BASE	5 845 mm (230 in)
FRAME ARTICULATION	+/-44°
FRAME OSCILLATION	+/-18°, lockable
WEIGHT	34 000 kg (74,800 lb)

### POWER

ENGINE Tier 4f	Tigercat FPT N67 Tier 4f, 230 kW (308 hp) 1160 Nm (860 ft-lb) @ 1,500 rpm
COOLING	Side-by-side radiator, oil cooler and charge air cooler
FAN	Hydraulically driven, automatic variable speed with automatic reversing cycle
FUEL CAPACITY	560 L (148 US gal)
DEF CAPACITY Tier 4f	80 L (21 US gal)

### POWER TRAIN

TRANSMISSION	WideRange® drive; Variable speed hydrostatic (2) piston motors, infinitely variable
AXLE, FRONT/REAR	Tigercat bogie, outboard planetary, hydraulically balanced
DIFFERENTIAL LOCKS	Independent front and rear, friction clutch style
BOGIE CYLINDERS	Front and rear
TOP SPEED	10,7 km/h (6.7 mph)

### HYDRAULIC SYSTEM

PUMP, DRIVE	Piston, closed loop
PUMP, HARVESTING HEAD	Piston
PUMP, CRANE	Piston
PUMP, FAN	Piston
PUMP, CHARGE/COOLING	Gear
FILTRATION	(7) Spin-on
RESERVOIR	230 L (60 US gal)

### BRAKES

SERVICE BRAKE	Hydrostatic, enclosed, oil cooled
SECONDARY BRAKE	Enclosed, oil cooled
PARK BRAKE	Spring applied, hydraulic release

### TIRES

STANDARD	750/55-26.5
► Optional	710/55-28.5; 780/50-28.5

### ELECTRICAL

BATTERY	(2) 950 CCA, 12 v
ALTERNATOR	140 amp, 24 v
SYSTEM VOLTAGE	24 v
LIGHTS	(24) LED

### CRANE

STANDARD	Tigercat H360ER89; ER, fixed stick
MAXIMUM REACH bare pin	8,9 m (350 in)
LIFT MOMENT gross	357 kNm (263,300 lbf-ft)
LIFT CAPACITY bare pin, full reach	2 680 kg (5,910 lb)
SLEW TORQUE net	62 kNm (45,730 lbf-ft)
ROTATION	360° continuous
► Optional	Tigercat H360ER110T; ER, telescopic stick 11 m (433 in) bare pin reach

### OPERATOR CONTROLS

CRANE/HEAD	Mini lever, electric over hydraulic
STEERING	Electric joystick

### OPERATOR'S STATION

CAB	Pressurized, insulated and isolation mounted with constant temperature A/C and heater Thermal formed curved windshield, UL752 level 1 tested; Thermal insulated polycarbonate windows Window blinds; 2 exits; Computerized machine monitoring system; AM/FM digital stereo with CD player; Bluetooth® audio and hands-free calling
SEAT	Air ride, extreme duty fully adjustable with lumbar support and armrests
CONTROLS	Electronic control for all functions (less head) Mini-joystick for steering; Electronic control system with colour LCD display screen for machine monitoring and function adjustment

### OTHER STANDARD EQUIPMENT

	Vacuum pump
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### OPTIONAL EQUIPMENT

	Webasto engine/cab/hydraulic heater; Block heater Hydraulic reservoir heater; GPS receiver; Stump spray equipment; Colour marking; Road lights RemoteLog™ telematics system
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### HARVESTING HEAD

	Up to 2 500 kg (5,500 lb) heads for H360ER89 crane Up to 1 800 kg (4,000 lb) heads for H360ER110T crane
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## 1185 HARVESTER



ALL ENGINE POWER VALUES ARE QUOTED AT NET POWER, AS PER SAE J1349. TIGERCAT RESERVES THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE

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